

Ludlum Article Monitor Comparison Table

	Applications	Detectors	Chamber Dimensions (H x W x D)	Chamber Volume	Detector Volume* *6 detectors	External Dimensions (H x W x D)	Lead Shielding	Weight	Doors	Conveyor	Weight Scale	Camera	ISO 11929	MCA
HWM-21	Small items	2	190 x 295 x 370 mm (7.5 x 11.6 x 14.6 in.)	21 L (0.75 ft ³)	9.44 L (0.33 ft ³)	653 x 450 x 460 mm (25.7 x 17.7 x 18.1 in.)	15 mm (0.6 in.) or 30 mm (1.2 in.)	220 kg (485 lb) or 360 kg (794 lb)	1 or 2	no	no	no	yes	no
HWM-38	Small items with mass up to 50 kg (110 lb)	4 or 6	281 x 352 x 390 mm (11.1 x 13.9 x 15.4 in.)	38 L (1.34 ft ³)	29.4 L (1.04 ft ³)*	951 x 657 x 785 mm (37.4 x 25.9 x 30.9 in.)	25 mm (1 in.) or 50 mm (2 in.)	600 kg (1320 lb) or 900 kg (1980 lb)	1 or 2	no	yes	yes	yes	yes
54A	Small items with mass up to 45.4 kg (100 lb)	4 or 6	356 x 356 x 356 mm (14 x 14 x 14 in.)	45 L (1.6 ft ³)	33.3 L (1.17 ft ³)*	940 x 686 x 800 mm (37 x 27.0 x 31.5 in.)	25 mm (1 in.) or 50 mm (2 in.)	771 kg (1,700 lb) or 1,247 kg (2,750 lb)	1	no	no	no	no	no
HWM-65	Small items with mass up to 100 kg (220 lb)	4 or 6	400 x 400 x 400 mm (15.75 x 15.75 x 15.75 in.)	65 L (2.3 ft ³)	71.64 L (2.5 ft ³)*	1,159 x 694 x 808 mm (45.6 x 27.3 x 31.8 in.)	25 mm (1 in.) or 50 mm (2 in.)	970 kg (2,140 lb) or 1,520 kg (3,350 lb)	1 or 2	no	yes	option	yes	yes
HWM-100	Small items with mass up to 100 kg (220 lb)	4 or 6	460 x 460 x 460 mm (18.1 x 18.1 x 18.1 in.)	97 L (3.43 ft ³)	49 L (1.73 ft ³)*	1,186 x 784 x 855 mm (46.7 x 30.9 x 33.7 in.)	25 mm (1 in.) or 50 mm (2 in.)	1,102 kg (2,430 lb) or 1,903 kg (4,195 lb)	1 or 2	no	yes	option	yes	yes
54	Small items with mass up to 45.4 kg (100 lb)	4 or 6	508 x 508 x 508 mm (20 x 20 x 20 in.)	130 L (4.6 ft ³)	71.4 L (2.52 ft ³)*	1,390 x 909 x 953 mm (54.7 x 35.8 x 37.5 in.)	25 mm (1 in.) or 50 mm (2 in.)	1,315 kg (2,900 lb) or 2,087 kg (4,600 lb)	2	no	no	option	no	no
HWM-180	Small items with mass up to 100 kg (220 lb)	4 or 6	600 x 550 x 550 mm (23.6 x 21.7 x 21.7 in.)	181 L (6.4 ft ³)	71.64 L (2.5 ft ³)*	1,346 x 844 x 991 mm (53 x 33.2 x 39 in.)	25 mm (1 in.) or 50 mm (2 in.)	1,900 kg (4,190 lb) or 2,500 kg (5,510 lb)	1 or 2	no	yes	option	yes	yes
HWM-400	Items with mass up to 150 kg (330 lb)	6	900 x 700 x 750 mm (35.4 x 27.6 x 29.5 in.)	473 L (16.7 ft ³)	125 L (4.41 ft ³)	1,979 x 1,095 x 1,118 mm (77.9 x 43.1 x 44 in.)	30 mm (1.2 in.) or 50 mm (2 in.)	2,500 kg (5,620 lb) or 3,350 kg (7,385)	1 or 2	option	yes	option	yes	yes
HWM-400S	Items with mass up to 150 kg (330 lb)	6	900 x 700 x 750 mm (35.4 x 27.6 x 29.5 in.)	473 L (16.7 ft ³)	125 L (4.41 ft ³)	1,979 x 1,095 x 1,118 mm (77.9 x 43.1 x 44 in.)	30 mm (1.2 in.) or 50 mm (2 in.)	2,500 kg (5,620 lb) or 3,350 kg (7,385)	1 or 2	yes	yes	option	yes	yes
HWM-550	Items with mass up to 600 kg (1320 lb)	6 or 10	1,100 x 700 x 700 mm (43.3 x 27.6 x 27.6 in.)	550 L (19.4 ft ³)	160 L (5.65 ft ³)	1,825 x 1,272 x 1,040 mm (71.9 x 50.1 x 40.9 in.)	50 mm (2 in.) or 75 mm (3 in.)	5,000 kg (11,023 lb) or 3,350 kg (7,385 lb)	1 or 2	yes	yes	option	yes	yes
HWM-1800	Large items with mass up to 1,000 kg (2,200 lb)	24	1,210 x 1,120 x 1,380 mm (47.6 x 47.6 x 54.3 in.)	1,870 L (66 ft ³)	319 L (11.3 ft ³)	2,223 x 1,913 x 1,765 mm (87.5 x 75.3 x 69.5 in.)	50 mm (2 in.) or 75 mm (3 in.)	11,500 kg (25,350 lb) or 15,500 kg (34,170 lb)	1 or 2	yes	yes	option	yes	yes
HWM-1800C	Large items with mass up to 1,000 kg (2,200 lb)	24	1,210 x 1,120 x 1,380 mm (47.6 x 47.6 x 54.3 in.)	1,870 L (66 ft ³)	319 L (11.3 ft ³)	2,591 x 2,438 x 2,991 mm (102 x 100 x 118 in.)	50 mm (2 in.) or 75 mm (3 in.)	13,500 kg (29,760 lb) or 17,500 kg (38,580 lb)	1 or 2	yes	yes	option	yes	yes